

NEBRASKA

WEATHER & CROPS



Issue: 18-98

Released: 7/6/98 - 3:00 p.m.

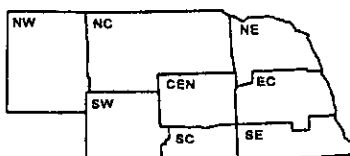
For Week Ending July 5, 1998

P.O. Box 81069
Lincoln, NE 68501

Phone: (402) 437-5541
Location: 273 Federal Bldg.

Internet: <http://www.agr.state.ne.us/agstats/index.htm>
e-mail: nass-ne@nass.usda.gov

National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service



Nebraska Department of Agriculture
Division of Agricultural Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources-UN-L

WEATHER

Temperatures for the week averaged near normal statewide with ninety-five degrees in a number of locations. Precipitation across the State averaged from thirty-four hundredths of an inch in the Southwest district to nearly two and a quarter inches in the Northeast district.

GENERAL

Wheat harvest gained momentum during the week with producers in parts of the southeast near completion, according to the Nebraska Agricultural Statistics Service. Warm, humid temperatures accelerated crop development, although cool season pasture growth came to a standstill. Irrigation was active in many areas of the State with dryland crop conditions deteriorating in south central and southwestern Nebraska. Extensive hail damage occurred in portions of Knox and Cedar counties during the week and flooding was reported in portions of the extreme East Central district over the weekend. Other producer activities included weed control, hay harvest, working summer fallow, millet seeding and livestock care.

CROPS

Winter wheat condition rated 2% very poor, 12% poor, 25% fair, 51% good, and 10% excellent. Wheat turning color or beyond advanced to 96%, ahead of 90% last year and average. Statewide, 46% of the acreage was considered ripe or had already been harvested, compared with 25% last year and 33% average. Harvest was 26% complete, ahead of 3% last year and 14% average. Quality and yield reports out of the southeast indicated an above normal crop.

CROPS (Cont.)

Corn condition rated 4% poor, 19% fair, 62% good, and 15% excellent. Dryland corn rated 76% in good or excellent condition and 77% of the irrigated corn rated in those categories. Silking was just underway with 1% of the crop having reached that stage, compared to 0% last year and 3% average.

Soybean condition rated 1% very poor, 4% poor, 18% fair, 65% good, and 12% excellent. Blooming was underway on 6% of the acreage, compared to 4% last year and 6% average.

Sorghum condition rated 1% very poor, 4% poor, 31% fair, 58% good, and 6% excellent.

The first dry bean condition rating given was 8% poor, 43% fair, 38% good and 11% excellent.

Oats condition rated 12% poor, 26% fair, 47% good, and 15% excellent.

Alfalfa condition rated 1% very poor, 6% poor, 26% fair, 59% good and 8% excellent. The second cutting was just underway at 17% complete, ahead of 4% last year and 15% average. Counties in the southwest and south central reported the second cutting would be small because of current moisture supplies and in some cases not taken at all. Wild hay condition rated 1% very poor, 5% poor, 20% fair, 54% good, and 20% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition declined and rated 2% very poor, 7% poor, 20% fair, 58% good, and 13% excellent. Livestock gains continued to be slow due to temperatures and high humidity. Pastures in southwestern and south central areas continued in need of moisture.

FIELD WORK PROGRESS AS OF JULY 5, 1998	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Turning	92	100	100	100	100	100	100	100	96	83	90	90
% Wheat Ripe	5	6	27	34	86	73	91	100	46	17	25	33
% Wheat Harvested	0	0	0	2	19	36	65	77	26	4	3	14
% Corn Silked	0	0	0	0	0	0	7	2	1	n/a	0	3
% Soybeans Blooming	0	16	1	1	6	2	20	7	6	n/a	4	6
% Alfalfa Second Cutting	2	5	20	11	11	33	55	38	17	n/a	4	15
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 3, 1998												
Days suitable	5.7	6.5	5.5	6.3	6.2	6.6	6.9	5.7	6.2	4.8	5.0	
Topsoil moisture - Very Short	1	3	0	0	1	30	34	1	7	4	3	
(Percent) - Short	16	19	14	15	26	35	42	17	23	12	25	
- Adequate	83	77	81	84	70	32	24	78	68	73	70	
- Surplus	0	1	5	1	3	3	0	4	2	11	2	
Subsoil moisture - Very Short	0	1	0	0	0	23	31	1	6	3	1	
(Percent) - Short	16	17	8	8	7	39	40	10	17	11	19	
- Adequate	84	82	87	89	86	38	29	88	75	80	79	
- Surplus	0	0	5	3	7	0	0	1	2	6	1	

n/a = not available

Periodical Postage
Paid at
Lincoln, Nebraska

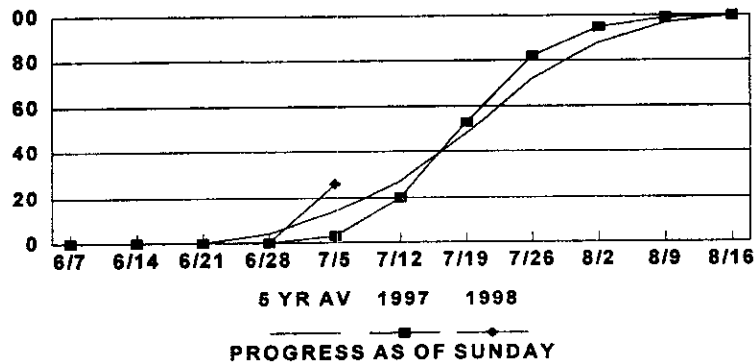
NEBRASKA WEATHER & CROPS
P.O. Box 81069
Lincoln, NE 68501

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. It is also available free by polling our FAX at (402) 437-5547 after 3:30 p.m. CT. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

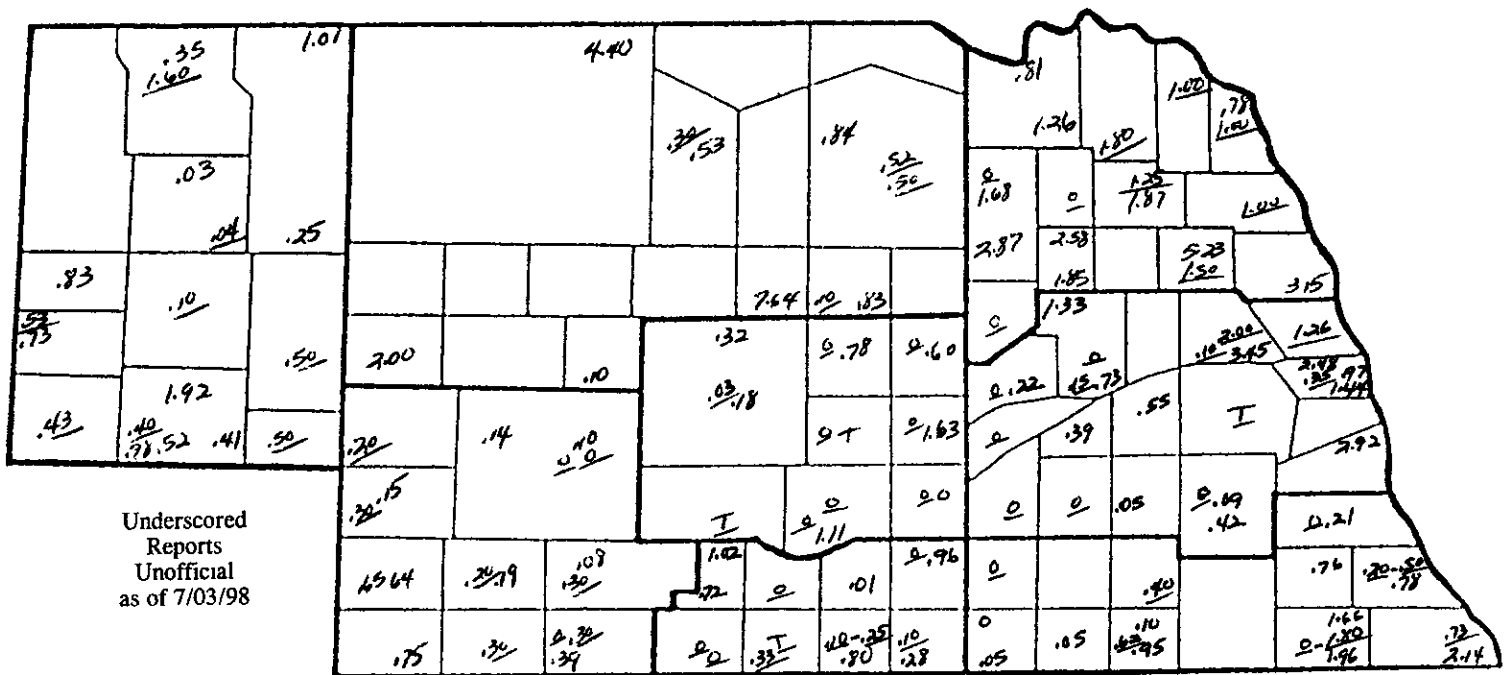
WINTER WHEAT

HARVESTED FOR ALL PURPOSES

HARVESTED



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JULY 4, 1998



PRECIPITATION, APRIL 1 - JULY 4, 1998

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.70	2.15	2.21	58	1.16	.34	.63	.79
Total since April 1	7.62	13.88	15.54	11.63	17 09	8.18	7.46	10.52
Normal since April 1	8 09	9 43	10.88	10.52	11.60	8.94	10.26	11.46
Total as % of normal	94%	147%	143%	111%	147%	91%	73%	92%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SATURDAY, JULY 4, 1998

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	95	42	71	---	.35	---	---	---
	Scottsbluff	95	47	73	+1	.83	148	980	959
	Sidney	92	45	73	---	.98	147	903	980
NC	Valentine	89	48	71	-2	4.40	---	---	---
	Arthur	---	---	---	---	---	na	na	na
	O'Neill	---	---	---	---	---	158	1066	1153
NE	Norfolk	88	57	73	-1	2.58	---	---	---
	Sioux City	87	60	74	0	.78	---	---	---
	Concord	---	---	---	---	---	160	1154	1194
	Elgin	---	---	---	---	---	160	1109	1186
	West Point	---	---	---	---	---	167	1213	1270
CEN	Grand Island	94	60	77	+2	0	175	1208	1205
	Ord	89	61	75	---	78	157	1135	1193
	Kearney	---	---	---	---	---	174	1211	1198
EC	Lincoln	95	60	77	0	.09	188	1340	1324
	Omaha	89	63	77	+2	.97	---	---	---
	Central City	---	---	---	---	---	170	1213	1219
	Mead	---	---	---	---	---	182	1323	1314
SW	Imperial	95	56	76	---	.64	---	---	---
	North Platte	92	53	74	+2	10	160	1107	1101
	Curtis	---	---	---	---	---	175	1171	1128
SC	Holdrege	---	---	---	---	---	177	1223	1192
	Red Cloud	---	---	---	---	---	191	1393	1212
SE	Beatrice	---	---	---	---	---	179	1285	1324
	Clay Center	---	---	---	---	---	179	1253	1215

na = Not available. Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.